

EduSahara™ Learning Center Assignment

Grade : Class IX, SSC

Chapter : Statistics

Name : Median of Frequency Distribution

Heights of 25 students are given below. Find the median.

1.	Height (in cm)	126	129	141	145	148	159	161	171
	No. of students	3	4	3	3	2	4	3	3

(i) 143 cm (ii) 145 cm (iii) 144 cm (iv) 147 cm (v) 146 cm

Heights of 30 plants are given below. Find the median.

2.	Height (in cm)	53	60	76	78	82	90	94	97
	No. of plants	4	4	6	4	5	1	5	1

(i) 77 cm (ii) 80 cm (iii) 76 cm (iv) 79 cm (v) 78 cm

Ages of 25 students are given below. Find the median.

3.	Age (in years)	10	11	12	14	15
	No. of students	6	7	4	3	5

(i) 10 years (ii) 12 years (iii) 11 years (iv) 13 years (v) 9 years

Scores of 15 students are given below. Find the median.

4.	Score	74	75	77	80	82	83	87	90
	No. of students	1	3	2	1	2	2	2	2

(i) 81 (ii) 84 (iii) 80 (iv) 82 (v) 83

Rainfall of 10 days are given below. Find the median.

5.	Rainfall (in mm)	5	10	11	13	15
	No. of days	3	3	2	1	1

(i) 8 mm (ii) 9 mm (iii) 10 mm (iv) 12 mm (v) 11 mm

Temperatures of 30 days are given below. Find the median.

6.	Temperature (in degree C)	25	26	27	29	30	32	33	34	35
	No. of days	3	2	6	2	1	6	1	5	4

(i) 31 °C (ii) 32 °C (iii) 33 °C (iv) 34 °C (v) 30 °C

7. Weights of 15 students are given below. Find the median.

Weight (in kg)	41	44	49	50	51	57	60
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No. of students	1	1	4	1	3	2	3
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(i) 51 kg (ii) 50 kg (iii) 53 kg (iv) 52 kg (v) 49 kg

Wages of 30 labourers are given below. Find the median.

8.

Wage (in rupees)	330	337	345	376	404	414	496
No. of labourers	6	4	7	3	4	4	2

(i) ₹ 345.00 (ii) ₹ 344.00 (iii) ₹ 343.00 (iv) ₹ 346.00 (v) ₹ 347.00

Assignment Key

- 1) (ii)
- 2) (v)
- 3) (iii)
- 4) (iv)
- 5) (iii)
- 6) (ii)
- 7) (i)
- 8) (i)